

| Form PTO-1449 (REV. 8-83) | | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | | ATTY. DOCKET NO. 23438.00042 | | APPLICATION NO. 10/773.105 | | |
|--|-----|--|------------------------------------|-----------------------------------|-------|-------------------------------|----------------------------------|----|
| INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) | | | | APPLICANT Paul V. Cooper | | | | |
| | | | | FILING DATE February 4, 2004 | | GROUP 1742 | | |
| | | | | MOLTEN METAL PUMP COMPONENTS | | | | |
| U. S. PATENT DOCUMENTS | | | | | | | | |
| EXAMINER INITIAL | REF | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB- CLASS | FILING DATE IF APPROPRIATE | |
| S | | 5,676,520 | 10-14-1997 | Thut | | | | |
| | | 5,678,244 | 10-14-1997 | Shaw et al. | | | | |
| | | 5,678,807 | 10-21-1997 | Cooper | | | | |
| | | 5,679,132 | 10-21-1997 | Rauenzahn et al. | | | | |
| | | 5,685,701 | 11-11-1997 | Chandler et al. | | | | |
| | | 5,690,888 | 11-25-1997 | Robert | | | | |
| | | 5,695,732 | 09-09-1997 12-9-1997 | Sparks et al. | | | | |
| S | | 5,716,195 | 02-10-1998 | Thut | | | | |
| FOREIGN PATENT DOCUMENTS | | | | | | | | |
| | REF | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB- CLASS | TRANSLATION | |
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| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) | | | | | | | | |
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| EXAMINER SK | | | | DATE CONSIDERED 7/10/06 | | | | |
| *EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | | | | | | | | |

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| U. S. PATENT DOCUMENTS | | | | | | | | |
| EXAMINER INITIAL | REF | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB- CLASS | FILING DATE IF APPROPRIATE | |
| | | 6,243,366 | 06-05-2001 | Bradley et al. | | | | |
| | | 6,250,881 | 06-26-2001 | Mordue et al. | | | | |
| | | 6,254,340 | 07-03-2001 | Vild et al. | | | | |
| | | 6,270,717 | 08-07-2001 | Tremblay et al. | | | | |
| | | 6,280,157 | 08-28-2001 | Cooper | | | | |
| | | 6,298,759 | 09-25-2001 10-9-2001 | Thut | | | | |
| | | 6,303,074 | 10-16-2001 | Cooper | | | | |
| | | 6,345,964 | 02-12-2002 | Cooper | | | | |
| FOREIGN PATENT DOCUMENTS | | | | | | | | |
| | REF | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB- CLASS | TRANSLATION | |
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| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) | | | | | | | | |
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| U. S. PATENT DOCUMENTS | | | | | | | | |
| EXAMINER INITIAL | REF | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB- CLASS | FILING DATE IF APPROPRIATE | |
| | | 6,716,147 | 04-06-2004 | Hinkle et al. | | | | |
| | | 6,723,276 | 04-20-2004 | Cooper | | | | |
| | | 6,805,834 | 10-19-2004 | Thut | | | | |
| | | 6,843,640 | 01-18-2005 | Mordue et al. | | | | |
| | | 6,848,497 | 02-01-2005 | Sale et al. | | | | |
| | | 6,869,271 6,896,271 | 05-24-2005 | Uchida et al. | | | | |
| | | 6,869,564 | 03-22-2005 | Gilbert et al. | | | | |
| | | 6,881,030 | 04-19-2005 | Thut | | | | |
| FOREIGN PATENT DOCUMENTS | | | | | | | | |
| | REF | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB- CLASS | TRANSLATION | |
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